

Kingston Design-In SSDs

– Perfect storage solutions for system designers and builders



Overview

Kingston® offers a line of Design-In SATA and NVMe solid-state drives created specifically for system designers and builders.

The line includes

- SATA 2.5-inch, mSATA, M.2 2242 and M.2 2280
- PCIe Gen. 3 NVMe: M.2 2280, M.2 2230

Design-in SSDs incorporate advanced controllers that automatically perform wear-levelling, garbage collection and other NAND Flash management features. They are a drop-in replacement for hard drives and deliver up to 20x greater performance, as well as high reliability. Design-In SSDs incorporate next-generation 3D NAND Flash.

Key Benefits

System designers and builders rely on consistent storage products. Kingston offers the following benefits with the Design-In SSD product line:

- Locked BOM and firmware – Ensures there are no changes to key components after customer qualification
- PCN support – All generational changes and firmware updates are handled through a controlled and timed process
- Engineering support – Customers have direct contact with their regional Kingston Field Application Engineering teams to ensure a fast response to storage requirement questions and support requests
- Global support – Kingston can coordinate SSD deliveries with a customer's Original Design Manufacturers (ODMs) or Contract Manufacturers (CMs) in other regions of the world, if required
- Warranty¹ — For peace of mind, our Design-in SSDs are backed by a limited three-year warranty and free technical support. For peace of mind, our Design-in SSDs are backed by a limited three-year warranty and free technical support.

Design-In SSD Part Numbers and Specifications

| 2.5" SATA Rev. 3 | Capacity | Description |
|------------------|----------|--------------------|
| OCPOS364B-A0 | 64GB | 2.5" 7mm 64GB SSD |
| OCPOS3128B-A0 | 128GB | 2.5" 7mm 128GB SSD |
| OCPOS3256B-A0 | 256GB | 2.5" 7mm 256GB SSD |
| OCPOS3512B-A0 | 512GB | 2.5" 7mm 512GB SSD |

| mSATA SATA Rev. 3 | Capacity | Description |
|-------------------|----------|-----------------|
| OMSP0S364B-00 | 64GB | mSATA 64GB SSD |
| OMSP0S3128B-00 | 128GB | mSATA 128GB SSD |
| OMSP0S3256B-00 | 256GB | mSATA 256GB SSD |

| M.2 SATA Rev. 3 | Capacity | Description |
|-----------------|----------|--------------------|
| OM4P0S364B-A0 | 64GB | M.2 2242 64GB SSD |
| OM4P0S3128B-A0 | 128GB | M.2 2242 128GB SSD |
| OM4P0S3256B-A0 | 256GB | M.2 2242 256GB SSD |
| OM8P0S364B-A0 | 64GB | M.2 2280 64GB SSD |
| OM8P0S3128B-A0 | 128GB | M.2 2280 128GB SSD |
| OM8P0S3256B-A0 | 256GB | M.2 2280 256GB SSD |
| OM8P0S3512B-A0 | 512GB | M.2 2280 512GB SSD |

| M.2 PCIe Gen. 3 NVMe 1.3 | Capacity | Description |
|--------------------------|----------|---------------------|
| OM8PDP3128B-A01 | 128GB | M.2 2280 128GB SSD |
| OM8PDP3256B-A01 | 256GB | M.2 2280 256GB SSD |
| OM8PDP3512B-A01 | 512GB | M.2 2280 512GB SSD |
| OM8PDP31024B-A01 | 1024GB | M.2 2280 1024GB SSD |
| OM8PCP3512F-A01 | 512GB | M.2 2280 512GB SSD |
| OM8PCP31024F-A01 | 1024GB | M.2 2280 1024GB SSD |
| OM3PDP3128B-A01 | 128GB | M.2 2230 128GB SSD |
| OM3PDP3256B-A01 | 256GB | M.2 2230 256GB SSD |
| OM3PDP3512B-A01 | 512GB | M.2 2230 512GB SSD |

For more information

Please contact your Kingston representative. This programme is currently available in limited regions but will be expanded gradually.

¹ Limited warranty based on 3 years or "Percentage Used", which can be found using the Kingston SSD Manager (Kingston.com/SSDManager). For NVMe SSDs, a new unused product will show a Percentage Used value of 0, whereas a product that reaches its warranty limit will show a Percentage Used value of greater than or equal to one hundred (100). See Kingston.com/wa for details.

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